

February 7, 2002

VIA EXPRESS MAIL

Honorable Commissioner for Patents Washington, D.C. 20231

Amendment

Inventor: David E. Allport

TITLE: METHOD OF CONTROLLING MULTI-USER ACCESS TO THE RECEIVED

FEB 1 5 2002

Technology Center 26

FUNCTIONALITY OF CONSUMER DEVICES

USSN: 09/874,450 Filed: June 5, 2001

Atty. Docket No.: ER 1604.02 US

Honorable Commissioner for Patents:

Enclosed for filing please find the following:

- Transmittal Form 1.
- Amendment Transmittal Letter
- 3. Fee Transmittal Form
- 4. Amendment (pages 1-20) including "Version with Markings to Show Changes Made" and Attachment A
- 5. Request for a Two-Month Extension of Time
- Terminal Disclaimer
- Request for Entry of Certificate under 37 C.F.R. Section 3.73(b) and Supporting Statement with Attachment A: Certificate under 37 CFR 3.73(b)
- 8. Power of Attorney by Assignee with Attachments A and B
- 9. Cover Letter
- 10. Stamped, Self-Addressed Postcard (Control No. 3CBZKZ)
- 11. Certificate of Express Mail No. EL 739680802 US, dated February 7, 2002.

Please indicate on the enclosed postcard the date of receipt of the enclosed materials and mail this prepaid postcard to acknowledge receipt of this transmittal.

Very truly yours,

Steve A. Wong

Supervising Patent Attorney

INTELLECTUAL PROPERTY DEVELOPMENT

SAW:jb

Enclosures \\TCPSERV01\GRPDIRS\ABG\PPD\ER\1604\02\ptocvr_I03.doc



PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

๛๛๛๛๛๛๛๛๛๛๛

In Re the Application of:

David E. Allport

Serial No.: 09/874,450

Filed: June 5, 2001

For: METHOD OF CONTROLLING

MULTI-USER ACCESS TO THE FUNCTIONALITY OF CONSUMER

DEVICES

Confirmation No. 6282

Art Unit: 2673

Examiner: Jimmy H. Nguyen

Attorney Docket No. ER 1604.02 US

FILING OF CORRESPONDENCE BY EXPRESS

MAIL UNDER 37 C.F.R. § 1.10

EL 739680802US February 7, 2002

Express Mail Label Number Date of Deposit

REQUEST FOR ENTRY OF CERTIFICATE UNDER 37 C.F.R. SECTION 3.73(b) AND SUPPORTING STATEMENT CEIVED

Honorable Commissioner for Patents Washington, D.C. 20231

FEB 1 5 2002

Technology Center 2600

Sir:

In further support of Assignee's interest herein, Applicant respectfully requests entry of the Certificate under 37 C.F.R. Section 3.73(b) attached hereto as Attachment A in connection with the above-identified application.

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 04-1175.

Respectfully submitted,

DISCOVISION ASSOCIATES

Date: February 7, 2002

Steve A. Wong

Registration No. 37,968

DISCOVISION ASSOCIATES
INTELLECTUAL PROPERTY DEVELOPMENT
P.O. Box 19616
Irvine, California 92623
(949) 660-5000
https://doi.org/10.com.doc/https://doi.org/10.com.doc/https://doi.org/10.com.doc/https://doi.org/10.com.doc/https://doi.org/10.com.doc/https://doi.org/10.com.doc/https://doi.org/10.com.doc/https://doi.org/10.com.doc/https://doi.org/10.com.doc/https://doi.org/10.com.doc/https://doi.org/10.com.doc/https://doi.org/10.com.doc/https://doi.org/10.com/doc/https://doi.org/1

ER 1604.02 US



ERYIFICATE UNDER 37 CFR 3.73(b) RECEIVE Applicant: David Allport June 5, 2001 FEB 1 5 2002 Application No.: 097874:450 Filed: Entitled: METHOD OF CONTROLLING MULTI-USER ACCESS TO THE FUNCTIONALITY-REChnology Center 2600 CONSUMER DEVICES **Delaware Corporation** Research Investment Network, Inc., a (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either: A.() An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel ____, Frame _____, or for which a copy thereof is attached; OR B.(X) A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below: 1. From: David E. Allport To: VSIS, Inc. The document was recorded in the Patent and Trademark Office at Reel 9856 , Frame 0219-0222, or for which a copy thereof is attached. 2. From: VSIS, Inc. To: <u>eRemote, Inc.</u> The document was recorded in the Patent and Trademark Office at Reel <u>010494</u>, Frame <u>0972-0976</u>, or for which a copy thereof is attached. 3. From: <u>eRemote, Inc.</u> To: <u>Research Investment Network, Inc.</u> The document was recorded in the Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached. () Additional documents in the chain of title are listed on a supplemental sheet. (X) Copies of assignments or other documents in the chain of title are attached. STATEMENT IN SUPPORT OF ASSIGNEES INTEREST The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above. The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee. I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon. Signature Kenny Masaki Typed or printed name President

ASSIGNMENT

NOW THEREFORE, to all whom it may concern, that for good and valuable consideration, the receipt of which is hereby acknowledged, and intending to be legally bound hereby as of November 21, 2001, eRemote, Inc., having its principal place of business at 1050 E. Arques Avenue, Sunnyvale, California 94086 ("Assignor"), hereby sells, assigns, transfers and conveys to Research Investment Network, a Delaware corporation, having its principal place of business at 2355 Main Street, Suite 200, Irvine, California, 92614, U.S.A., ("RIN"), the entire right, title and interest in the patents, patent application(s), trademarks and copyrights listed on Schedule 1, attached hereto and made a part hereof, and including, whether or not listed on Schedule 1, any and all related foreign counter-part patents, patent applications, trademarks, copyrights, extensions, divisionals, continuations, abandoned applications, reissues and reexaminations ("Intellectual Property"), including without limitation, all rights to bring causes of action for past, present and future infringements of the Intellectual Property, all rights to collect and receive any damages, royalties or settlements for such infringements, and all rights to bring any and all causes of action relating to any of the inventions or discoveries described in the Intellectual Property, to be held and enjoyed by RIN for its own use and benefit and for its successors and assigns as the same would have been held by Assignor had this assignment not been made. The trademark rights associated with the trademark applications filed under Section 1(b) are being transferred as part of the goodwill of the business to which the marks are used, as required by 15 U.S.C. section 1060.

Notwithstanding anything herein to the contrary, this Assignment does not assign the rights of Mitsubishi to the Intellectual Property, such rights are for internal, non-commercial use only, with no rights to sublicense, which rights are expressly reserved by Assignor on behalf of Mitsubishi, and RIN acknowledges that this Assignment is subject to said reserved rights.

IN TESTIMONY WHEREOF, the Assignor has caused this Assignment to be duly executed by an officer, who is empowered with the right and power of the Assignor to execute this Assignment on behalf of the Assignor:

Name: Martin L. Jaffe

Title: President & CEO

Date: NW 31 2001



SCHEDULE 1



SCHEDULE 1

FILING DATE SERIAL NO.	TITLE OF PATENT
12/31/1997	Portable Internet-enabled Controller and Information Browser for Consumer Devices
09/001,873	
12/22/1998	Portable Internet-enabled Controller and Information Browser For Consumer Devices
PCT/US98/27472	
06/20/2000	Portable Internet-enabled Controller and Information Browser For Consumer Devices
2,315,691	
07/07/2000	Portable Internet-enabled Controller and Information Browser For Consumer Devices
98965474.4	
12/31/1997 09/001,841	System for Dual Display Interaction With Integrated Television and Internet Content
12/22/1998	System for Dual Display Interaction With Integrated Television and Internet Content
PCT/US98/27415	System for Dual Display interaction with integrated Television and Internet Content
06/20/2000	System for Dual Display Interaction With Integrated Television and Internet Content
2,315,619	operation and metaleum with megalete relevation and internet content
07/07/2000	System for Dual Display Interaction With Integrated Television and Internet Content
98964883.7	
06/22/2000	System for Dual Display Interaction With Integrated Television and Internet Content
Not yet known	
12/28/1998	Method of Data Display For Electronic Program Guides (EPGs)
09/221,940	William Britain
12/27/1999 PCT/US99/30924	Method of Data Display For Electronic Program Guides
05/17/2001	Method of Data Display For Electronic Program Guides
2,351,498	Method of Data Display For Electronic Program Guides
Not Yet known	Method of Data Display For Electronic Program Guides
99964324.0	
06/26/2001	Method of Data Display For Electronic Program Guides
2000-591796	
03/30/1999	Method of Using Buttons in Association With a Display to Access and Execute
09/280,512	Functions Available Through Associated Hardware and Software
03/28/2000 PCT/LISON/09164	Method of Using Buttons Associated With a Display to Access and Execute Associated Functions
PCT/US00/08164 03/30/1999	
03/30/1999	Method of Using a Controller For Controlling Multi-User Access to the Functionality of Consumer Devices
06/05/2001	Method of Using a Controller For Controlling Multi-User Access to the Functionality of
09/874,450	Consumer Devices
03/28/2000	Method of Controlling Multi-User Access to the Functionality of Consumer Devices
PCT/US00/08131	
01/14/2000	Portable Internet-enabled Controller and Information Browser For Consumer Devices
09/483,577	
07/11/2000	System for Dual Display Interaction With Integrated Television and Internet Content
09/614,510	
01/11/1996	Remote Control Unit For Controlling A Television And Videocassette Recorder With
08/587,109	A Display For Allowing A User To Select Between Various Programming Schedules

PTO/SB/17 (11-q1)

Appropriate or use through 10/31/2002. OMB 0651-00322

U.S. Patent and Tradeinark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

IPEEE TO A NOMITTAL			Complete if Known					
INTE INAMOMITIA		Applic	ation N	lumber	09/874,450	-		
7 2002 for FY 2002		Filing	Date		June 5, 2001			
Patent fees are subject to annual revision.		First N	Named	Inventor	Allport			
acapplicant claims small entity status. See 37 CFR §1.27					Nguyen, Jimmy I	ECEIVED		
TOADSWY		Group Art Unit 2673						
TOTAL AMOUNT OF PAYMENT (\$) 1,002.00		Attorn	ey Doc		ER 1604.02 US	FEB 1 5 2002		
METHOD OF PAYMENT (check all that apply)				FEE C	ALCULATION (continue	nology Conter 20		
Check Credit Card Money Other None	3. AC	OITIO	NAL F	EES	I COI II	hology Center 20		
Deposit Account:		Entity		i Entity				
Deposit 04-1175	Fee Code	Fee \$	Fee Code	Fee \$	Fee Description	Fee Paid		
Deposit	105	130	205	65 S	Surcharge - late filing fee or oath			
Account Name Discovision Associates	127	50	227		urcharge - late provisional filing fe over sheet.	ee or		
The Commissioner is hereby authorized to: (check all that apply)	139	130	139	130 N	lon-English specification			
Charge fee(s) indicated below Credit any overpayments	147	2,520	147	2,520 F	or filing a request for ex parte reexa	amination		
Charge any additional fee(s) during the pendency of this application	112	920*	112		Requesting publication of SIR prior examiner action	to		
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account	113	1,840*	113	1 940* R	lequesting publication of SIR after examiner action	r		
FEE CALCULATION	115	110	215	55 E	xtension for reply within first mor	nth		
1. BASIC FILING FEE	116	400	216	200 E	xtension for reply within second	month \$ 400.00		
Large Entity Small Entity	117	920	217	460 E	Extension for reply within third mo	onth		
Fee Fee Fee Fee Description Fee Paid	118	1,440	218	720 E	Extension for reply within fourth n	month		
Code \$ Code \$ 101 740 201 370 Utility filing fee	128	1,960	228	980 E	extension for reply within fifth mon	th		
106 330 206 165 Design filing fee	119	320	219	160 N	lotice of Appeal			
107 510 207 255 Plant filing fee	120	320	220	160 F	filing a brief in support of an appo	eal		
108 740 208 370 Reissue filing fee	121	280	221	140 R	lequest for oral hearing			
114 160 214 80 Provisional filing fee	138	1,510	138	1,510 Pe	etition to institute a public use pro	oceeding		
SUB TOTAL (1) (\$)	140	110	240	55 P	etition to revive - unavoidable			
a EVERA OLAM EEEC	141	1,280	241	640 P	Petition to revive - unintentional			
2. EXTRA CLAIM FEES Extra Claims Below Fee Paid	142	1,280	242	640 U	Itility issue fee (or reissue)			
Total Claims x =	143	460	243	230 D	esign issue fee			
Independent 3**= × =	144	620	244	310 P	Plant issue fee			
Multiple Dependent	122	130	122	130 P	etitions to the Commissioner			
	123	50	123	50 Pr	rocessing fee under 37CFR 1.17((q)		
Large Entity Small Entity Fee Description	126	180	126	180 Su	ubmission of Information Disclosu	ure Stmt.		
Code \$ Code \$	581	40	581	40 Re	ecording each patent assignment operty (times number of properti	t per		
103 18 203 9 Claim in excess of 20	146	740	246	370 Fil	ling a submission after final reje			
102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claim, if not paid				(3)	7 C.F. R. §1.129(a)) or each additional invention to be	<u> </u>		
100 84 300 43 ** Reissue independent claims	149	740	249	370 ex	xamined (37 CFR §1.129(b))			
110 18 210 9 ** Reissue claims in excess of 20	179	740	279		equest for Continued Examination	` '		
and over original patent	169	900	169	900 Re	equest for expedited examinatior f a design application			
SUBTOTAL (2) (\$) 492.00	Other	r fee (spe	cify) Te	erminal	Disclaimer	\$ 110.00		
**or number previously paid, if greater; For Reissues, see above	* Red	duced by	Basic Fili	ing Fee Pa	id SUBTOTAL (3)	(\$) 510.00		
SUBMITTED BY					Complete (if app	plicable)		
Name Stove A Mong		egistration		7,968				
11. 11/1/	At	torney / A	gent-	,,,,,,,,	Telephone 94	9-660-5047		
Signature // We // // // // WARNING:	W/_	_			Date 2	16/02		

WARNING:
Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Pater and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

	<u>-</u>		Application Number	in unless it displays a valid OMB control number.		
Under the Paperwork Reduction RKOTTIETT TRAN	TRANSMITTAL			June 5, 2001 RECEIV		
F	FORM		First Named Inventor			
(to be used for a// c	orrespondence after initial fil	ling)	Group Art Unit	Technology Cen		
·			Examiner Name	Nguyen, Jimmy H.		
Total Number of	Pages in This Submission		Attorney Docket Numb	^{per} ER 1604.02 US		
	EN	CLOS	JRES (check all	that apply)		
	claration(s) tequest ent Request ure Statement iority Ren g Parts/	Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Address Terminal Disclaimer Request for Refund CID, Number of CD(s) Remarks Request for Entry of 37 CFR Section 3.7 Attachment A		73(b) including		
Firm or Individual name Signature Date		ite 200,	111	operty Development J.S.A Tel: (949) 660-5000		
	CE	RTIFIC	ATE OF MAILING			
				rvice with sufficient postage as first class		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

AMENDMENT TRANSMITTAL LETTER

Attorney Docket no. ER 1604.02 US

Confirmation No.: 6282

SERIAL NO. 09/874,450

0 7 2002

FILING DATE 6/5/01

EXAMINER Nguyen, Jimmy H. Group Art Unit 2673

09/874,45	0 7 0000	ء ا احت	/5/01	Nguye	n limmy H	2673		IED.	
INVENTION METHOD OF COMPROMISSIONER OF PATENTS AND TRADEMARKS: Transmitted herewith is an amendment in the above-identified application. The fee has been calculated as shown belonger than the composition of the compositio									
TO THE A	ASSISTANT COMMISSIOn to the commission of the co	ONER OF F	PATENTS AND TRADE	EMARKS:	fee has been calculated	as shown be	«Technology	Center 2003	
					CLAIMS AS AMENDED			Large Entity	
(1)	(2) Claims Remaining After Amendment	(3)	(4) Highest No. Previously Paid for		(5) No. of Extra Claims Present	(6) RATE	(7) FEE CODES	(8) ADDITIONAL FEE	
Total Claims	* 48	Minus	** 44	=	4	X \$18	103	= 72.00	
Indep. Claims	* 9	Minus	*** 4	=	5	X \$84	102	= 420.000	
Multiple Dep. Claims		Minus				\$280	104	=	

TOTAL ADDITIONAL FEE FOR THIS AMENDMENT

\$

492.00

- * If the entry in column 2 is less than the entry in column 4, write "0" in column 5.
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.
- () No additional fee is required.
- () A check in amount of \$____.00 is attached.
- (X) Please charge any additional fees or credit overpayment to Deposit Account No. 04-1175. The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 04-1175.
 - (X) Any patent application processing fees under 37 CFR 1.17.
 - (X) Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Feb. 6, 2002

Steve A. Wong

Registration No. 37,968) DISCOVISION ASSOCIATE

INTELLECTUAL PROPERTY DEVELOPMENT P.O. Box 19616 - Irvine, California 92623

Phone: (949) 660-5000





PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

๛๛๛๛๛๛๛๛๛๛๛๛

In Re the Application of:

David E. Allport

Serial No.: 09/874,450

Filed: June 5, 2001

For: METHOD OF CONTROLLING
MULTI-USER ACCESS TO THE
FUNCTIONALITY OF CONSUMER

DEVICES

Honorable Commissioner for Patents Washington, D. C. 20231

Sir:

Confirmation No. 6282

Art Unit: 2673

Examiner: Jimmy H. Nguyen

Attorney Docket No. ER 1604.02 URECEIVED

FEB 1 5 2002

Technology Center 2600

FILING OF CORRESPONDENCE BY EXPRESS MAIL UNDER 37 C.F.R. § 1.10

EL739680833US

February 7, 2002

Express Mail Label Number Date of Deposit

POWER OF ATTORNEY BY ASSIGNEE

The undersigned, Kenny Masaki, President of RESEARCH INVESTMENT NETWORK, INC., hereby appoints the registrants identified under Customer Number 22,887 for Discovision Associates, 2355 Main Street, Suite 200, Irvine, California 92614, telephone number (949) 660-5000, to prosecute this patent application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent.

All previous Powers of Attorney or Authorizations of Agent are hereby revoked.

Attached hereto in support of the above are:

- A) Request for Entry of Certificate Under 3.73(b); and
- B) The relevant assignment from EREMOTE, INC. to RESEARCH INVESTMENT NETWORK, INC.

Please direct all future correspondence to the following address:

DISCOVISION ASSOCIATES
INTELLECTUAL PROPERTY DEVELOPMENT
P. O. Box 19616
Irvine, CA 92623

Direct all telephone calls to Steve A. Wong at (949) 660-5000.

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 04-1175.

Respectfully submitted,

RESEARCH INVESTMENT NETWORK, INC.

Date: 2/1/2002

Kenny Masaki President

DISCOVISION ASSOCIATES INTELLECTUAL PROPERTY DEVELOPMENT P.O. Box 19616 Irvine, CA 92623 (949) 660-5000

\\TCPSERV01\GRPDIRS\ABG\PPD\ER\1604\02\poa.doc